

Figure 1: Effects of electric impulses of high field intensity on the transfection of plasmid DNA p_{GL} 2774 in the cranial tibial muscle in the mouse.
Mean values \pm SEM.

A. Logarithmic scale

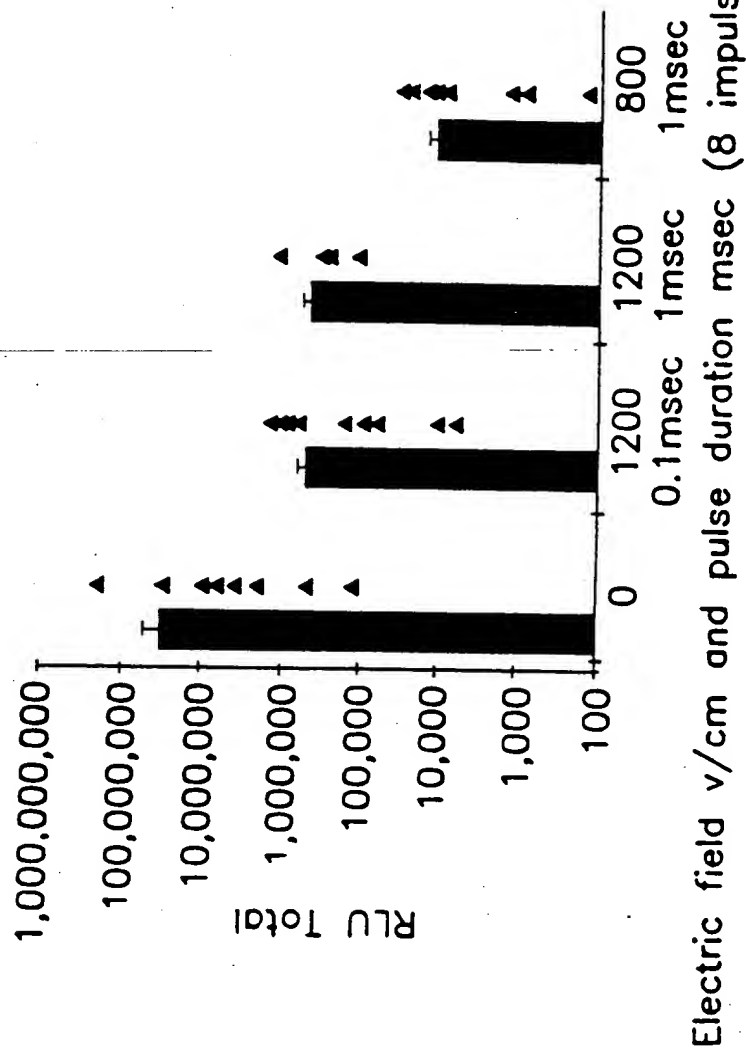
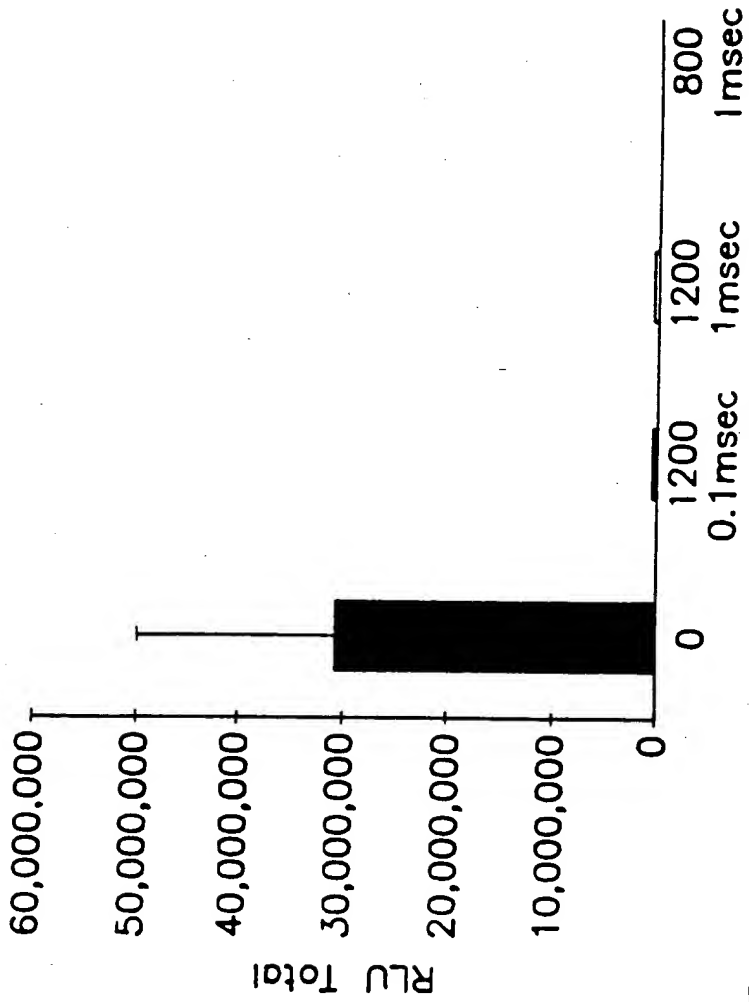


Figure 1a

Figure 1: Effects of electric impulses of high field intensity on the transfection of plasmid DNA p_{GL2774} in the cranial tibial muscle in the mouse.
Mean values \pm SEM.

B. Linear scale



Electric field v/cm and pulse duration msec (8 impulses at 1 Hz)

Figure 1b

Figure 2: Effects of electric impulses of intermediate field intensity on the transfection of plasmid DNA p_{xl} 2774 in the cranial tibial muscle in the mouse.
Mean values \pm SEM.

A. Logarithmic scale

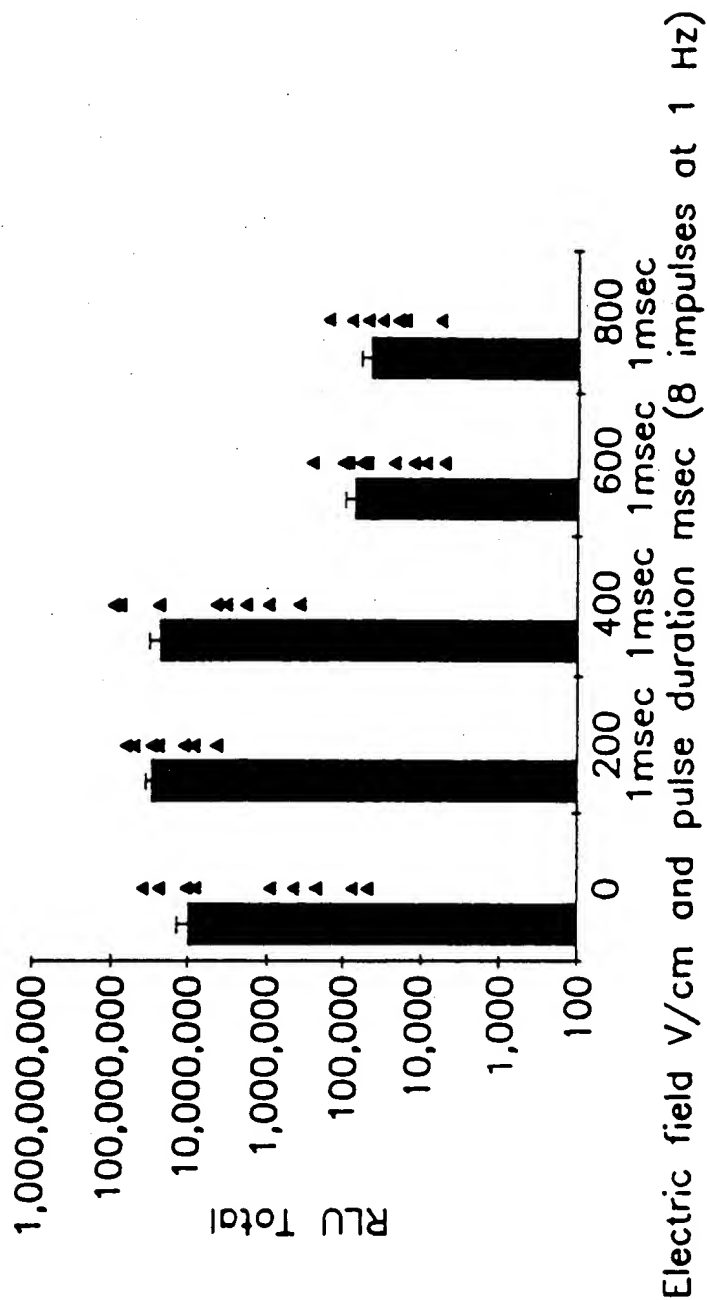


Figure 2a

Figure 2: Effects of electric impulses of intermediate field intensity of plasmid DNA p_{xl} 2774 in the cranial tibial muscle in the mouse. Mean values \pm SEM.

B. Linear scale

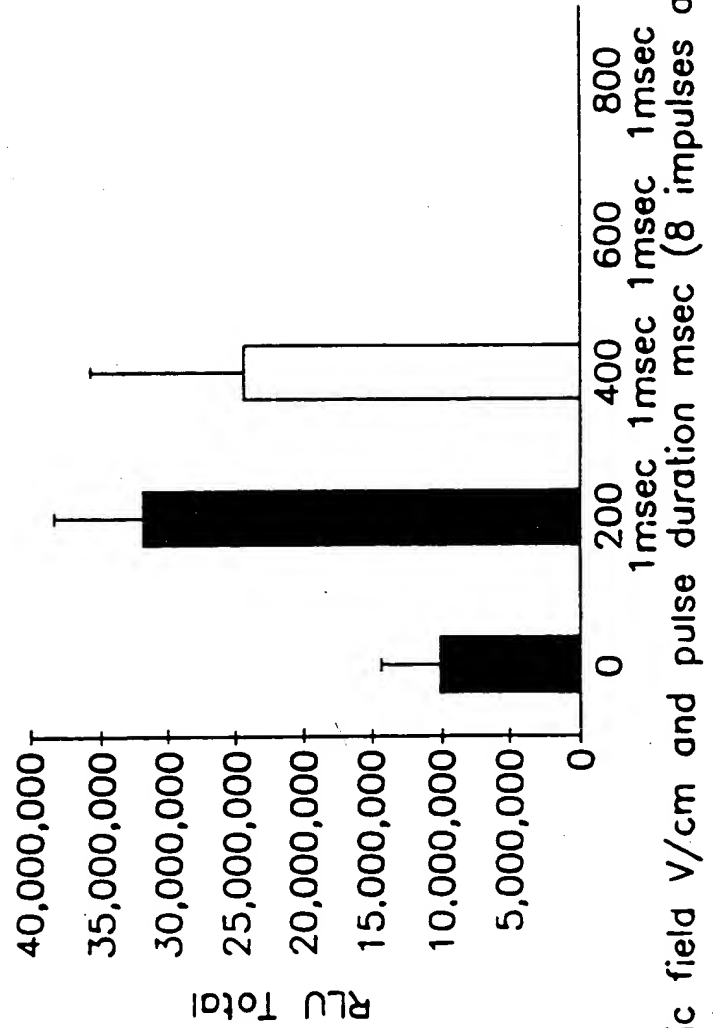


Figure 2b

Figure 3: Effects of electric impulses of weak field intensity and of different durations on the transfection of plasmid DNA p1 2774 in the cranial tibial muscle in the mouse. Mean values \pm SEM.

A. Logarithmic scale

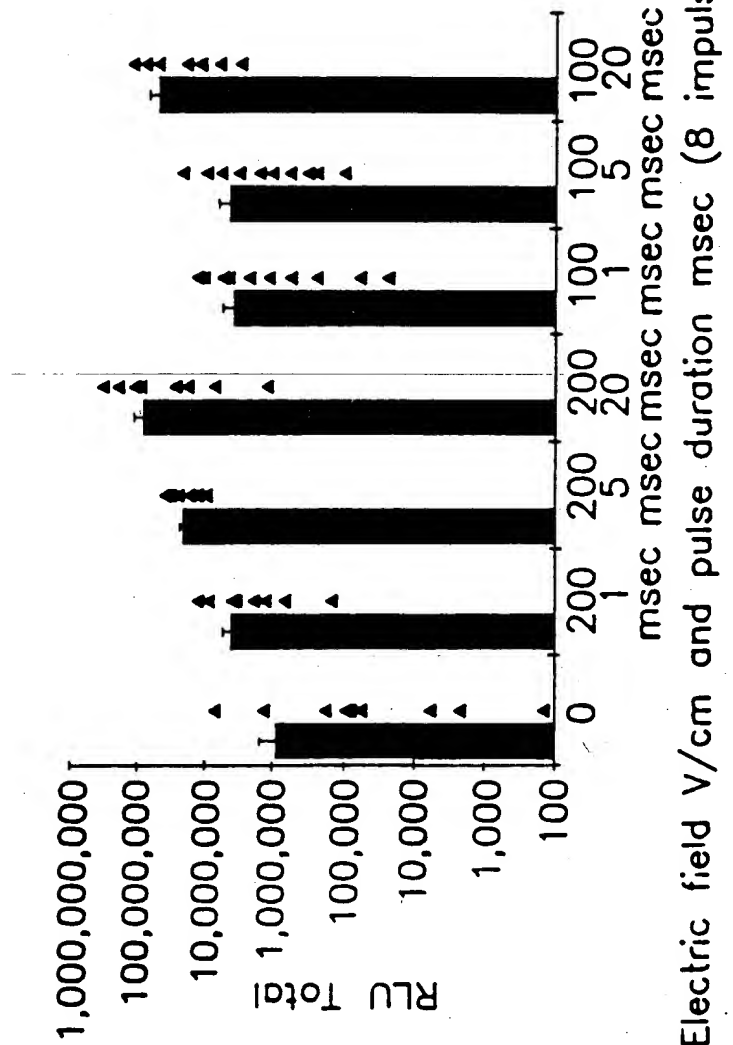
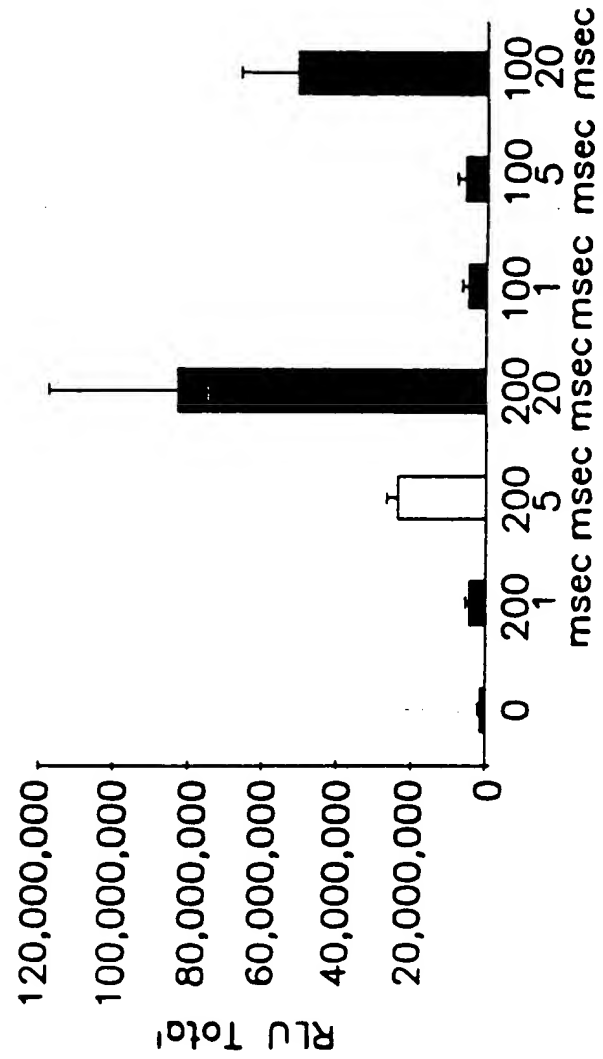


Figure 3a

Figure 3: Effects of electric impulses of weak field intensity and of different durations on the transfection of plasmid DNA p1 2774 in the cranial tibial muscle in the mouse. Mean values \pm SEM.

B. Linear scale



Electric field V/cm and pulse duration msec (8 impulses at 1 Hz)

Figure 3b

Figure 4: Effects of electric impulses of weak field intensity and of different durations on the transfection of plasmid DNA pxi 2774 in the cranial tibial muscle in the mouse. Mean values \pm SEM.

A. Logarithmic scale

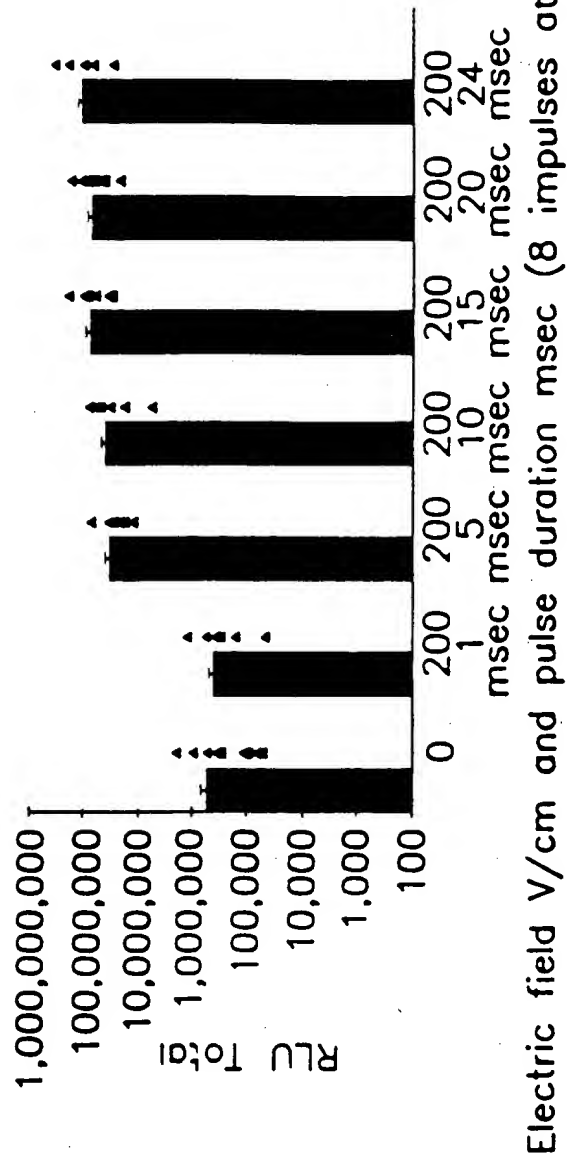


Figure 4a

Figure 4: Effects of electric impulses of weak field intensity and of different durations on the transfection of plasmid DNA p_{GL2} 2774 in the cranial tibial muscle in the mouse. Mean values \pm SEM.

B. Linear scale

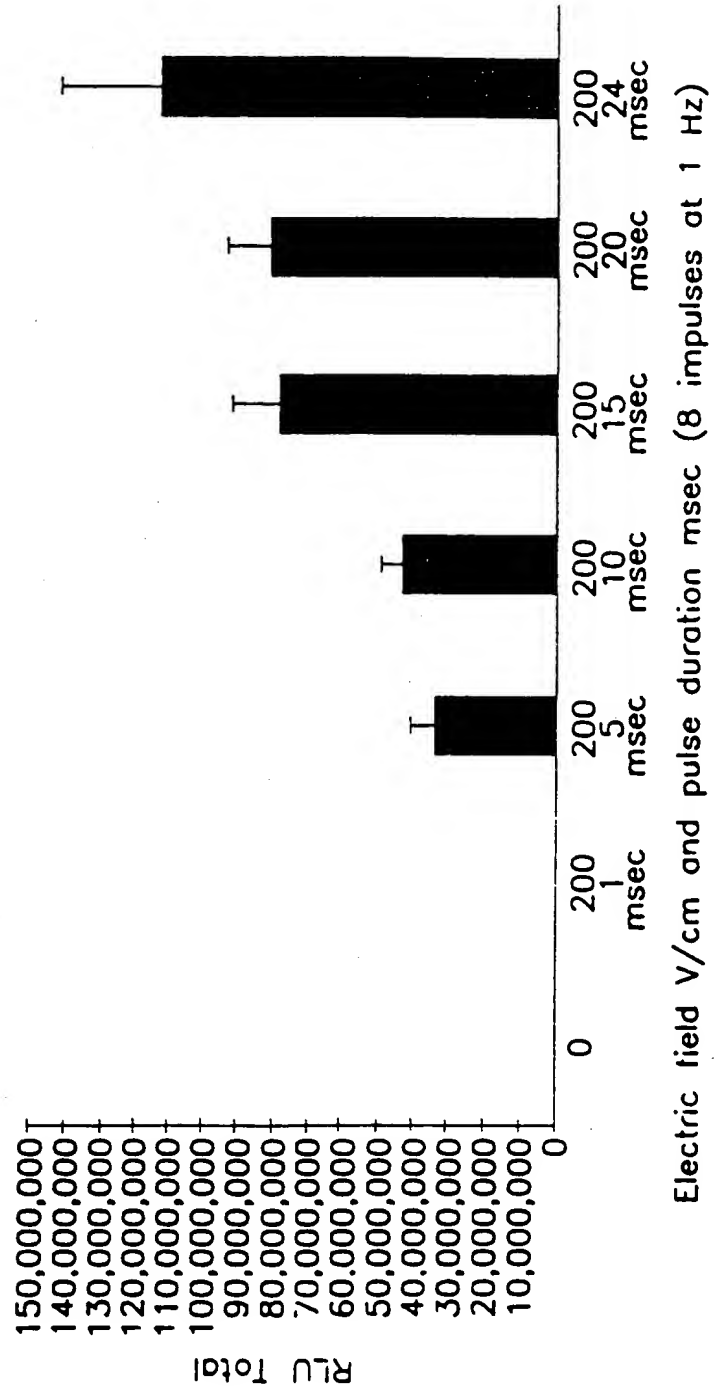


Figure 4h

Figure 5: Effectiveness of electrotransfection of plasmid DNA pxi 2774 in the cranial tibial muscle of the mouse at low electric field intensities. Mean values \pm SEM.

Luciferase expression in relation to the mean value of the control group (DNA alone) which was standardized at 1.

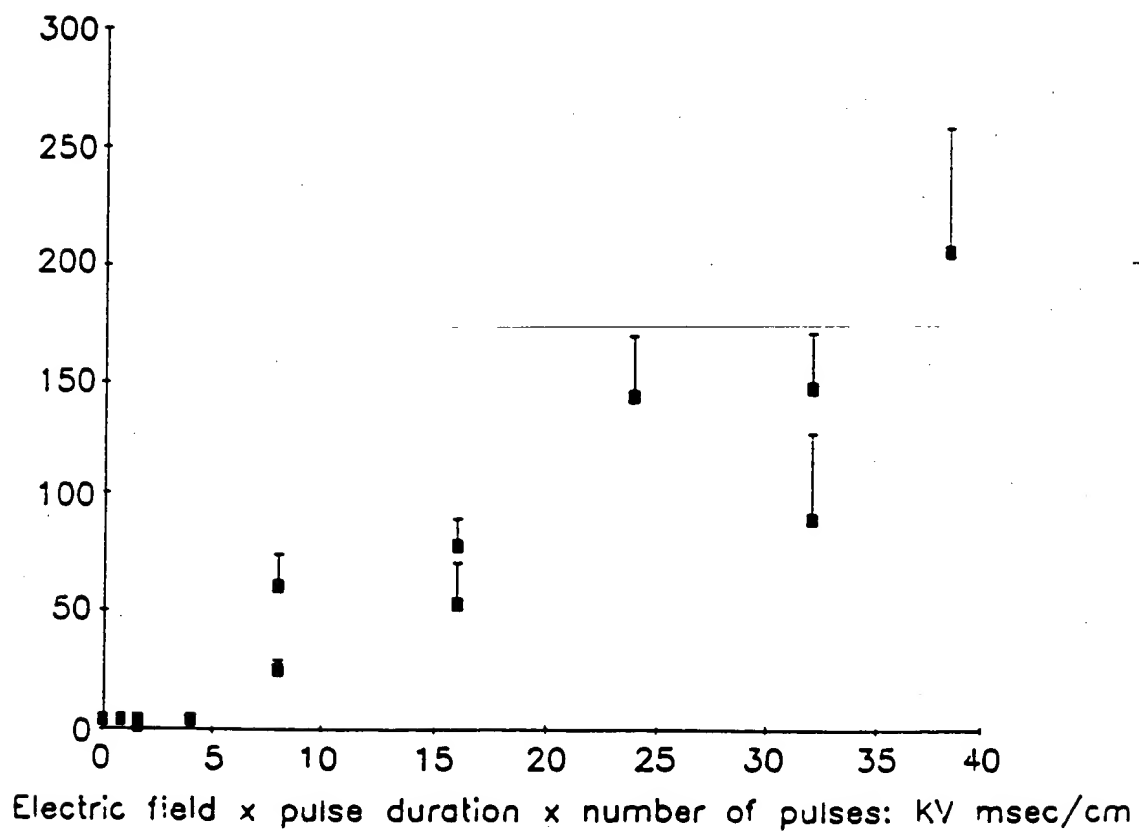


Figure 5

Kinetics of the Expression of Luciferase in the Cranial Tibial Muscle of Mice

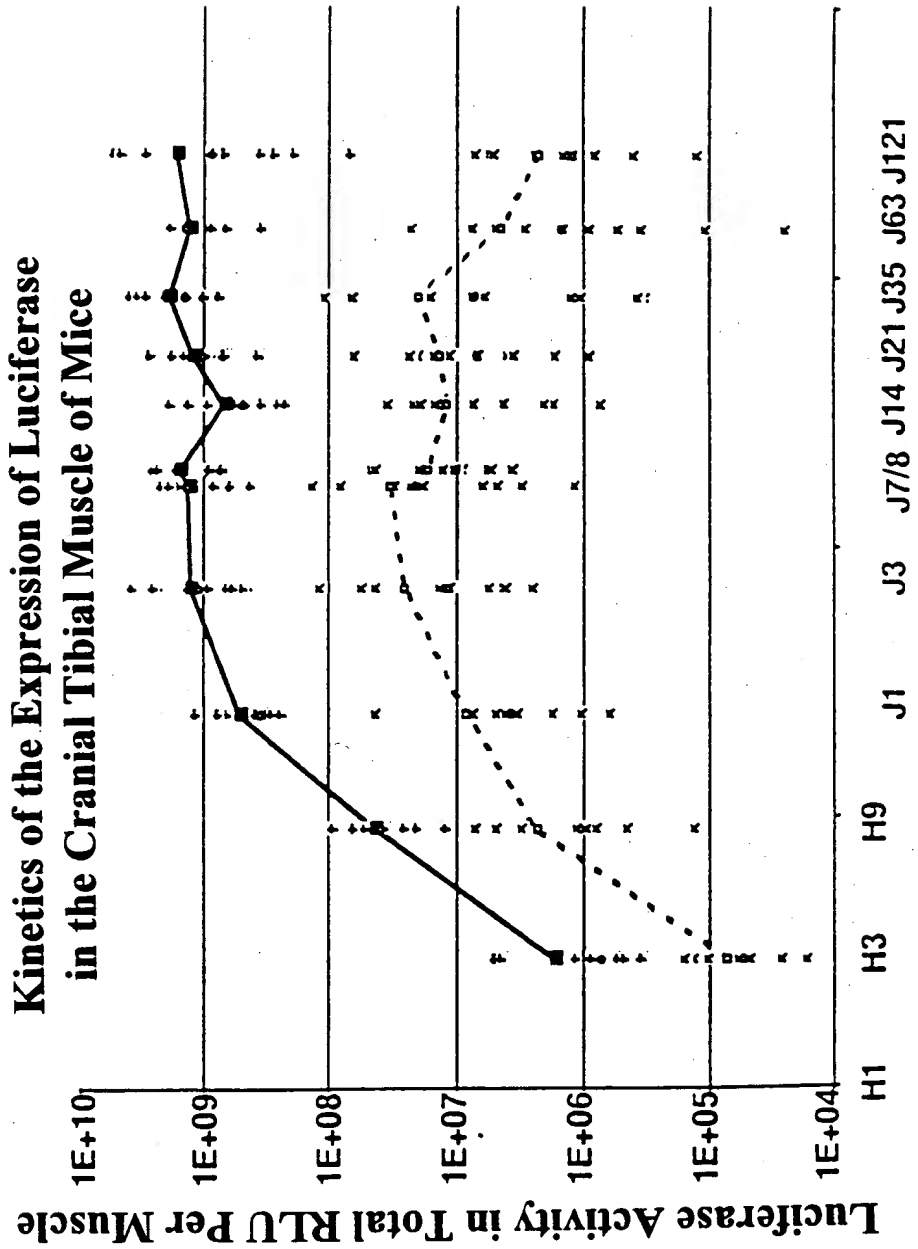


Figure 6

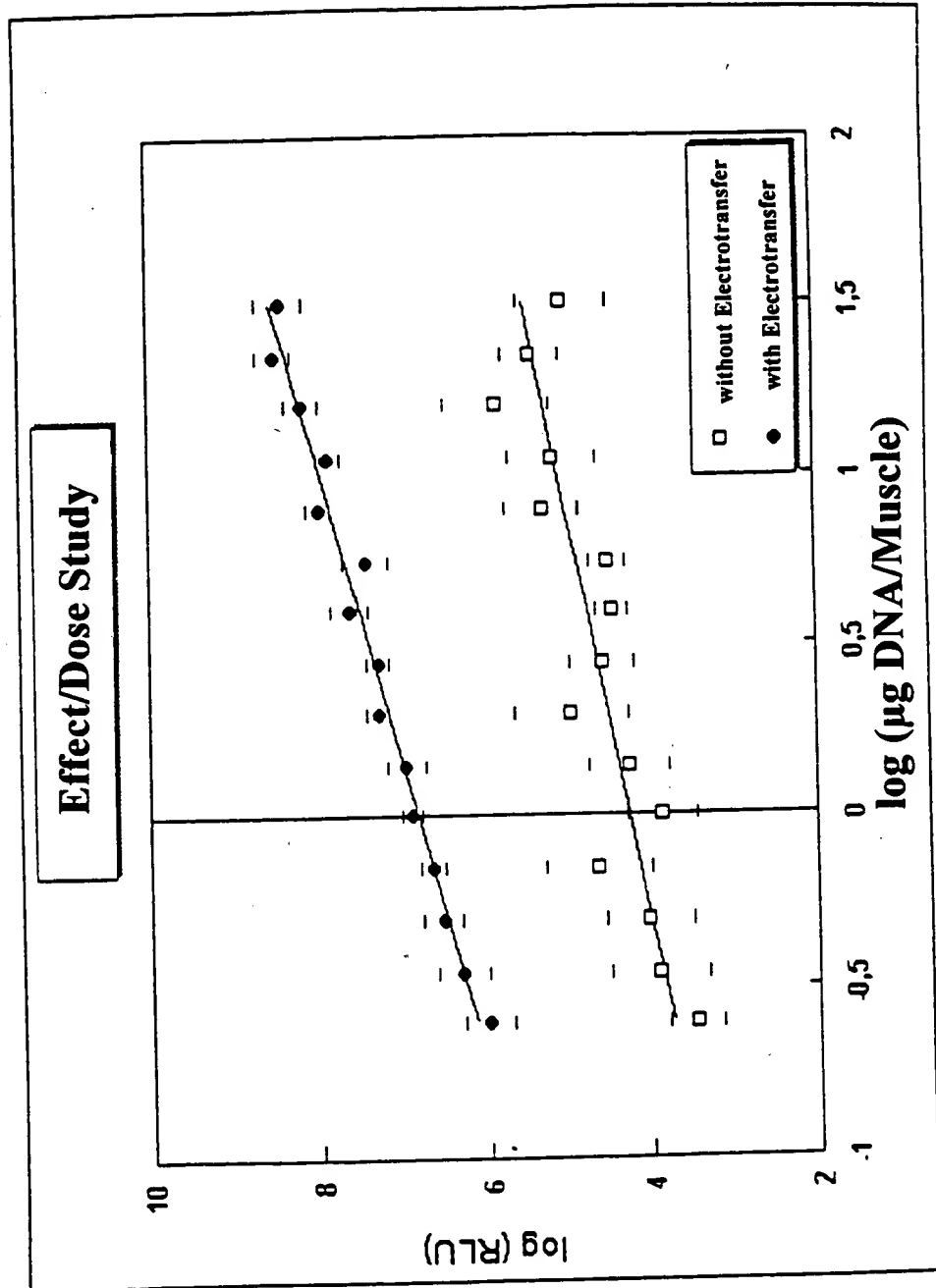


Figure 7

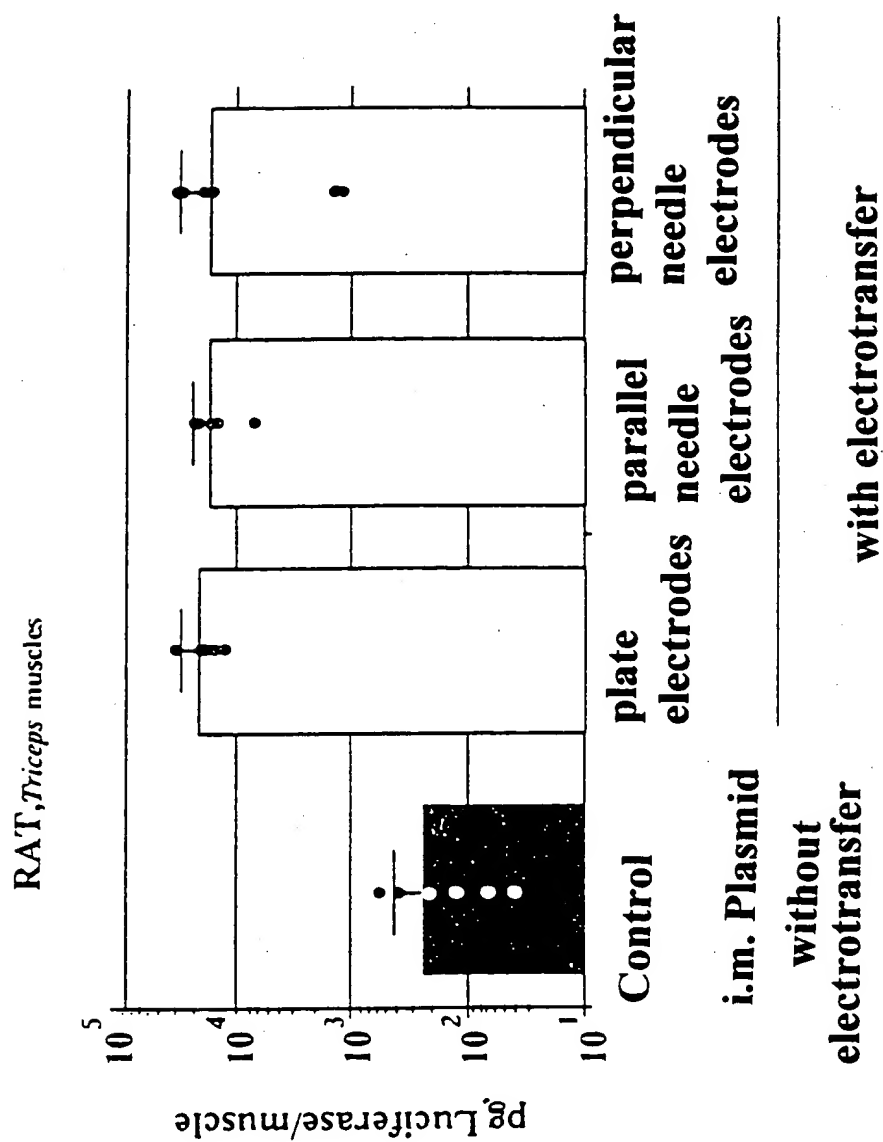
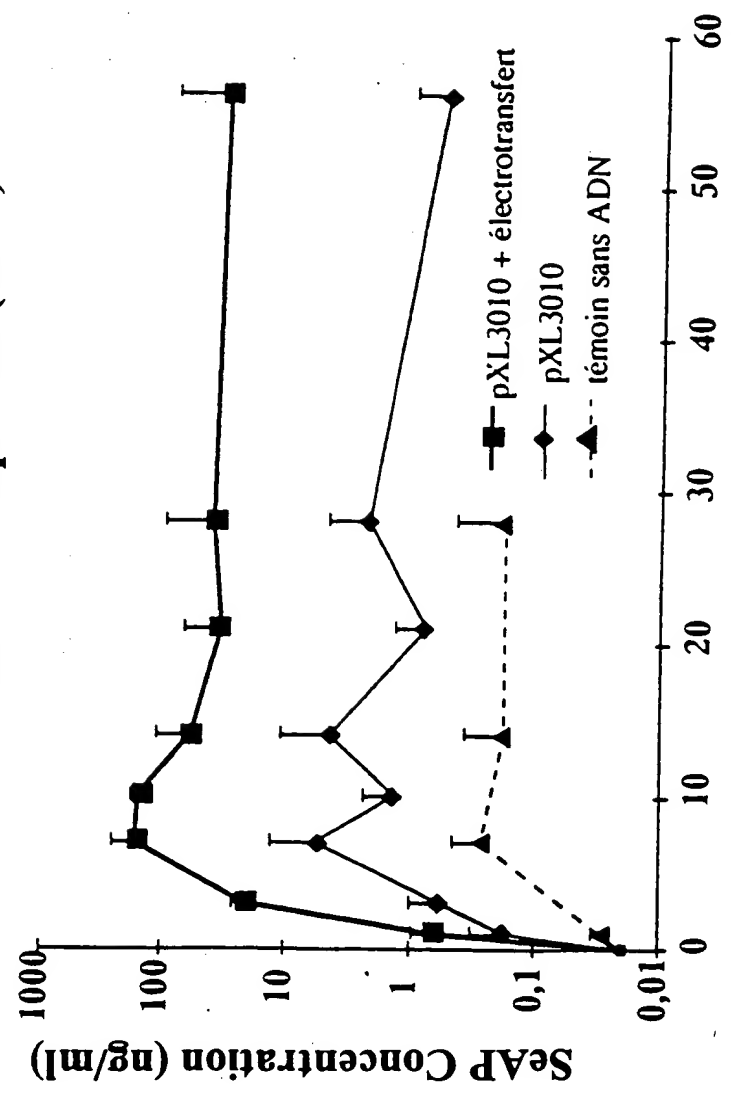


Figure 8

Kinetics of the Serum Concentration in Alkaline Phosphatase (SeAP)



Days after i.m. injection of the pXL3010 plasmid

Figure 9

Kinetics of the Expression of aFGF in the muscle.

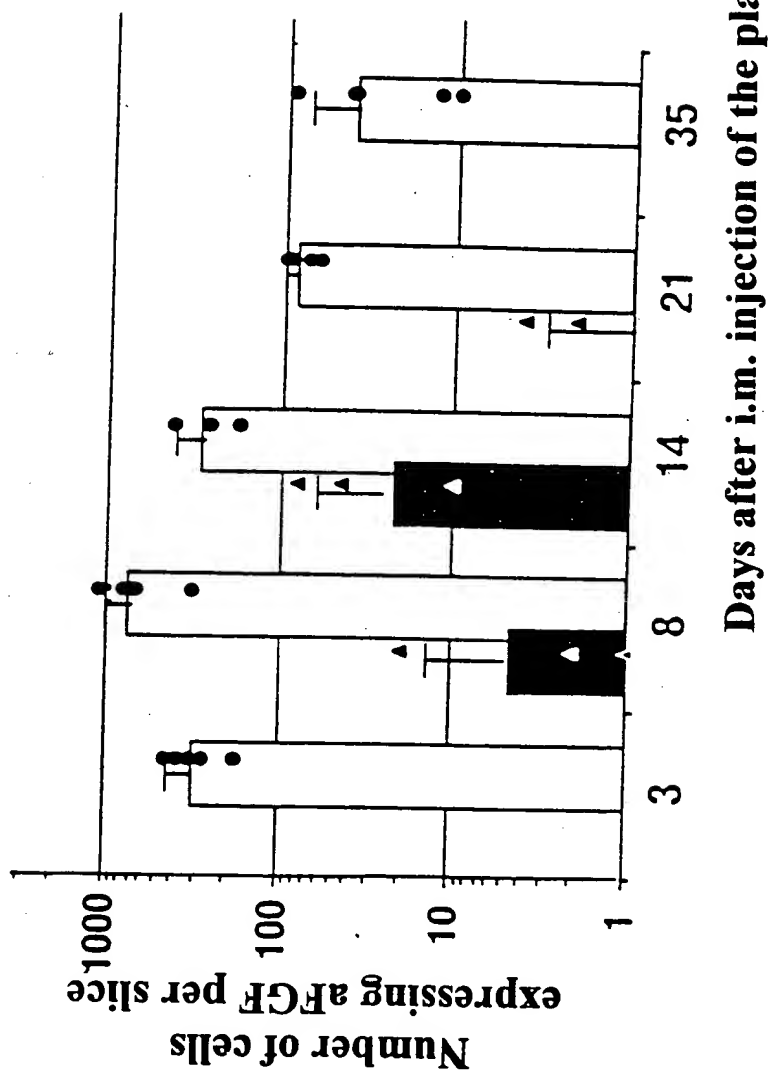


Figure 10

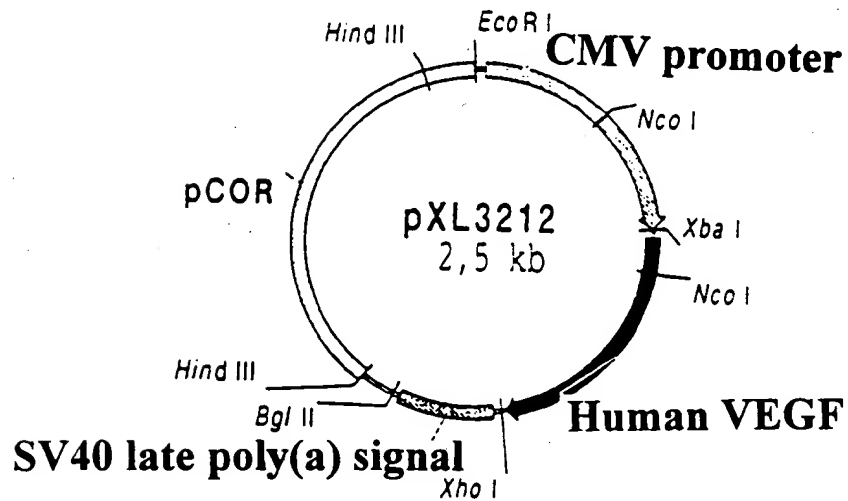
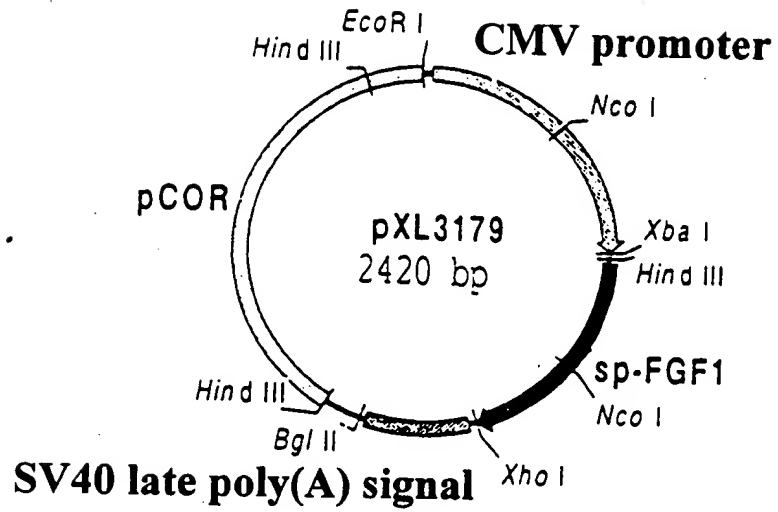


Figure 11

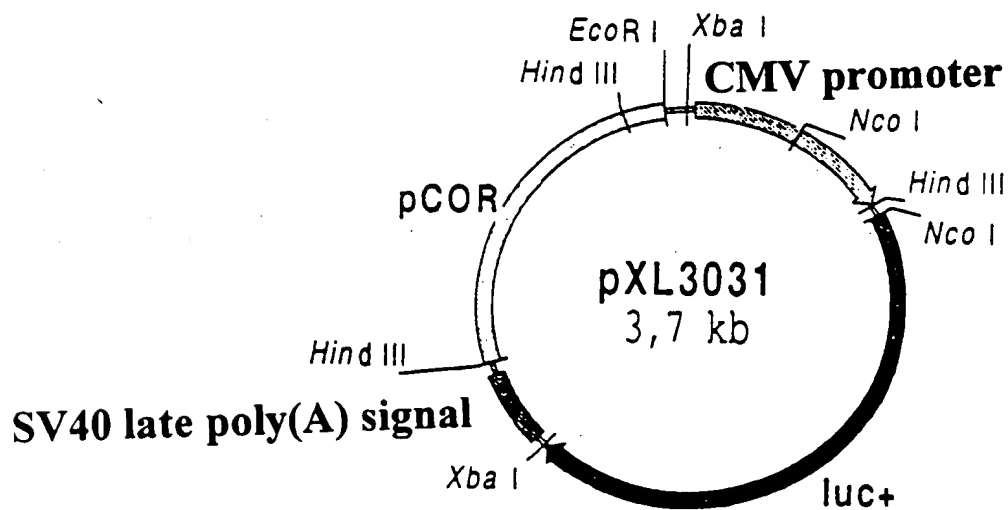
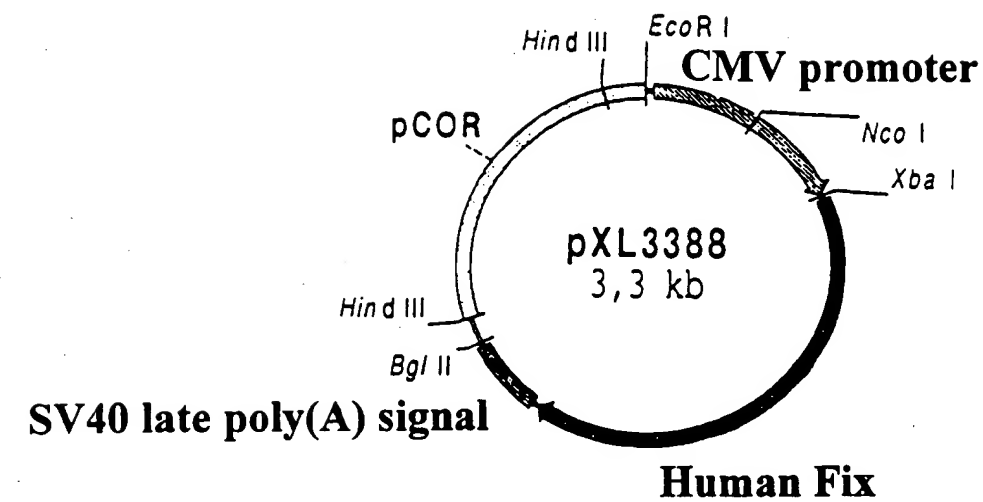


Figure 12

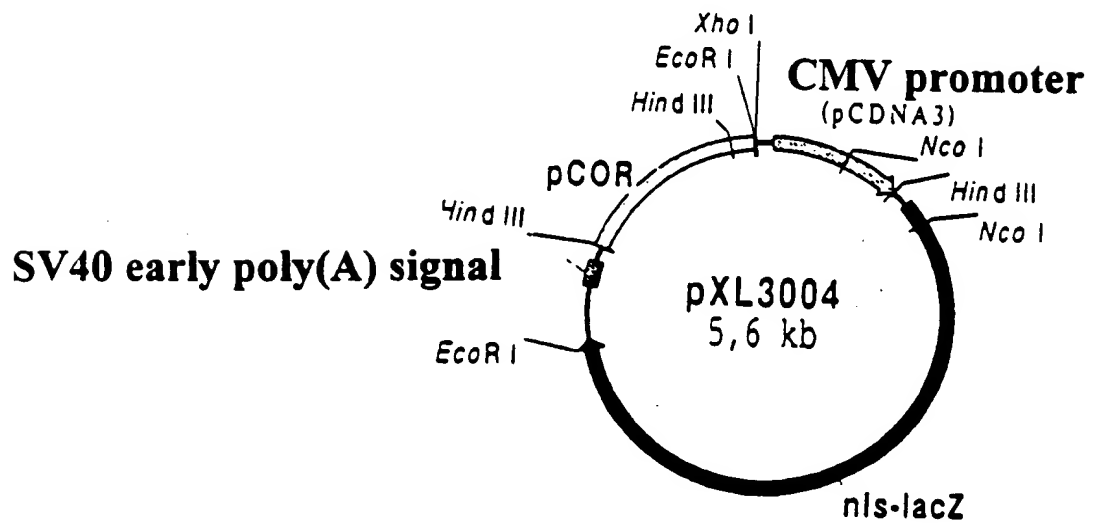
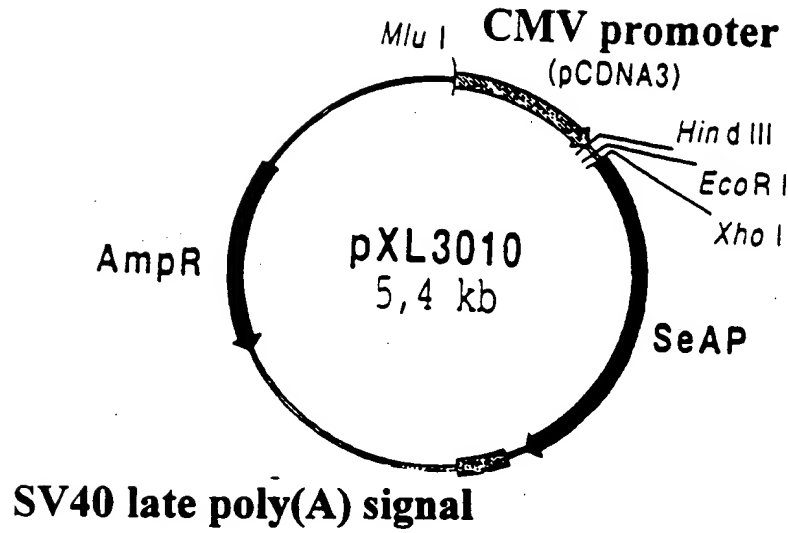


FIGURE 13

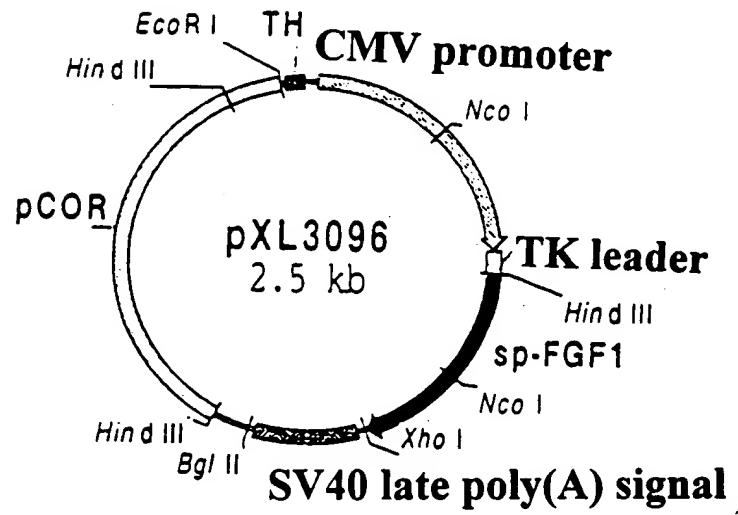
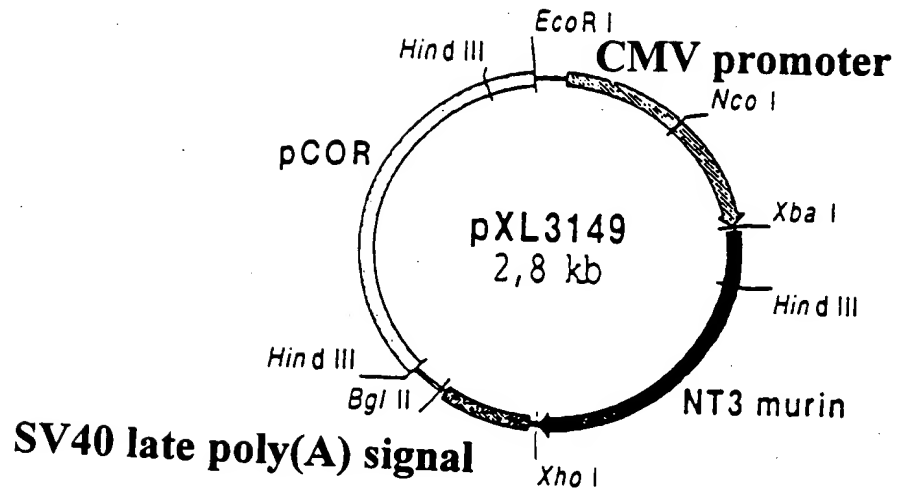


FIGURE 14

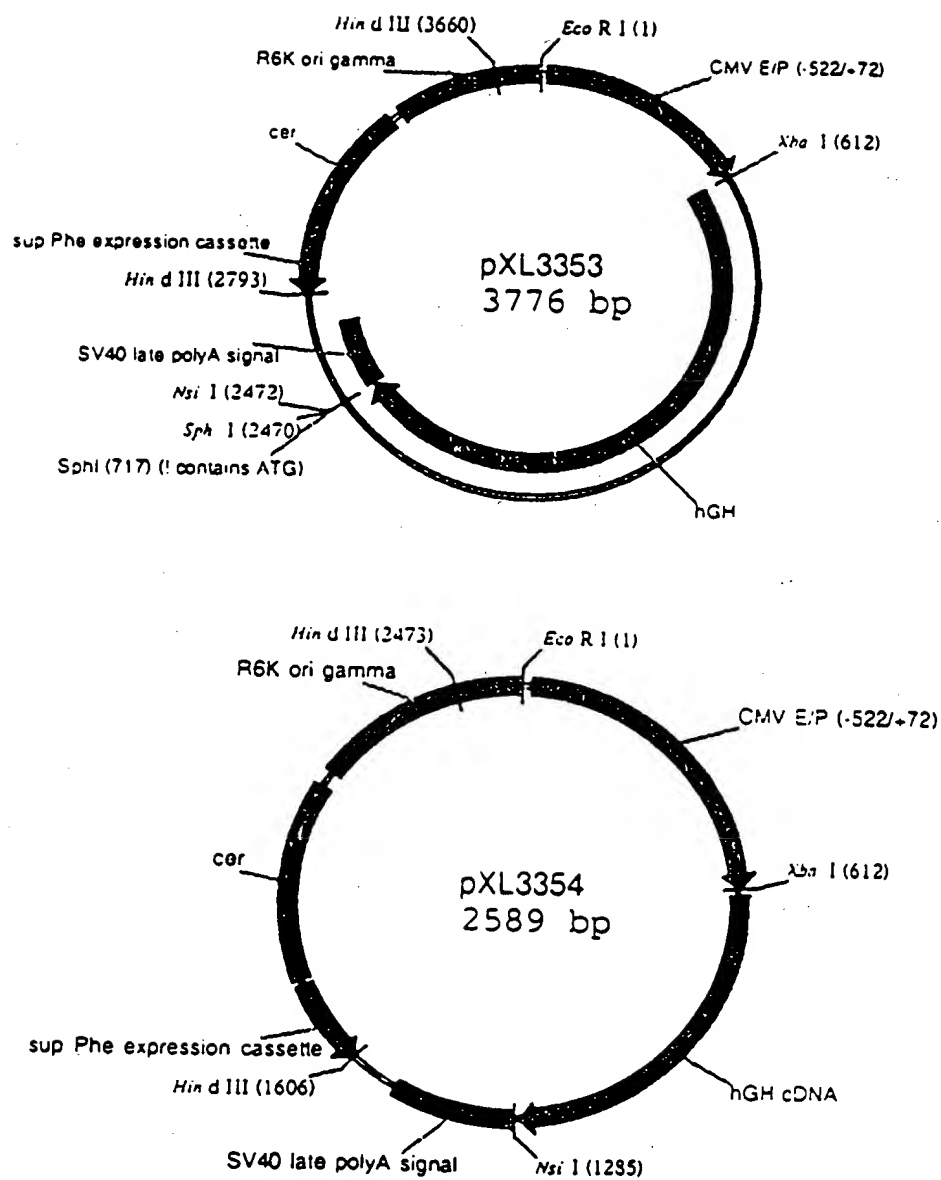


Figure 15

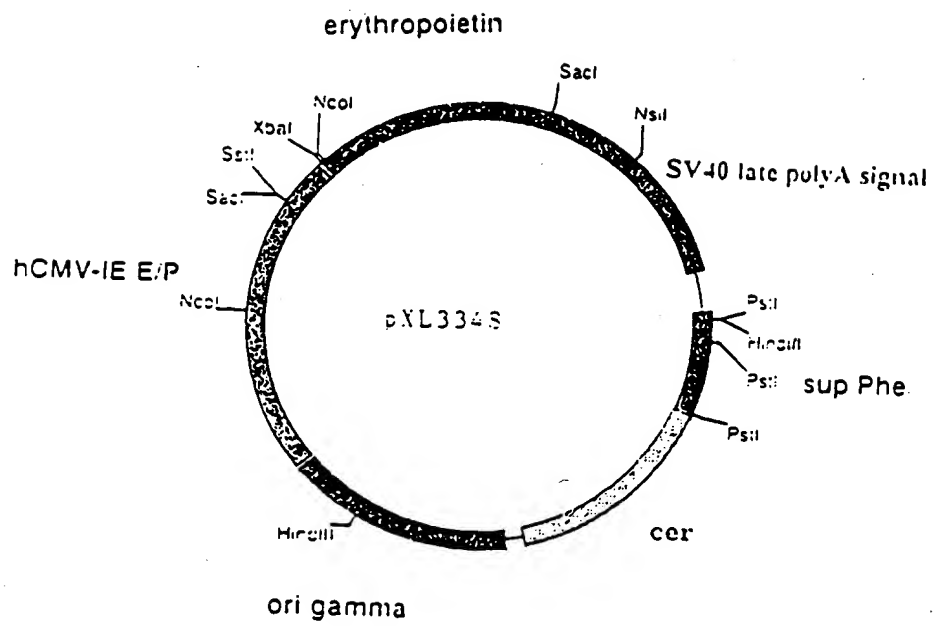


Figure 16